

REMARKS

Applicants thank the Examiner for the courtesy of a personal interview on May 10, 2004.

The following remarks are fully and completely responsive to the Office Action dated September 23, 2004. Claims 1-50 are pending in this application, with claims 17-50 added by the present amendment. In the outstanding Office Action, claims 1-16 were rejected under 35 U.S.C. § 102(b). No new matter has been added. Claims 1-50 are presented for consideration.

35 U.S.C. §102(b)

Claims 1-16 were rejected under 35 USC § 102(b) as being anticipated by U.S. Patent No. 6,175,632 (Marx). Applicants have amended claims 1-16 so that the independent claims now recite "1/n and n" instead of "at least one of 1/n and n". This amendment returns the independent claims to language similar to the language used when these claims were allowed. Accordingly, claims 1-16 are allowable for the same reasons that claims 1-10 were previously allowed. Therefore, Applicants request reconsideration and withdrawal of the rejection of claims 1-16 under 35 U.S.C. §102(b).

New Claims

New claims 17-50 have been added to claim additional embodiments of Applicants invention. As discussed and agreed to in the interview the cited prior art fails to teach either "multiplying the detected beats per minute or the detected beat period by a multiplication factor designated by the magnification designating means" or "said

different magnification increments being at least $1/n$ ". Therefore, claims 17-50 are allowable over the cited prior art.

Conclusion

Applicants' remarks have overcome the rejections set forth in the Office Action dated September 23, 2003. Applicants' remarks have distinguished claims 1-16 from Marx and thus overcome the rejection of these claims under 35 U.S.C. § 102(b). Applicants' remarks have also distinguished new claims 17-50 from the cited prior art. Accordingly, claims 1-50 are in condition for allowance. Therefore, Applicants respectfully request consideration and allowance of claims 1-50.

Applicants submit that the application is now in condition for allowance. If the Examiner believes that the application is not in condition for allowance, Applicants respectfully request that the Examiner contact the undersigned attorney by telephone if it is believed that such contact will expedite the prosecution of the application.

In the event this paper is not considered to be timely filed, Applicants hereby petition for an appropriate extension of time. The Commissioner is authorized to charge payment for any additional fees which may be required with respect to this paper to our Deposit Account No. 01-2300, making reference to attorney docket number 107156-09038.

Respectfully submitted,

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